PCT/JP2004/012033

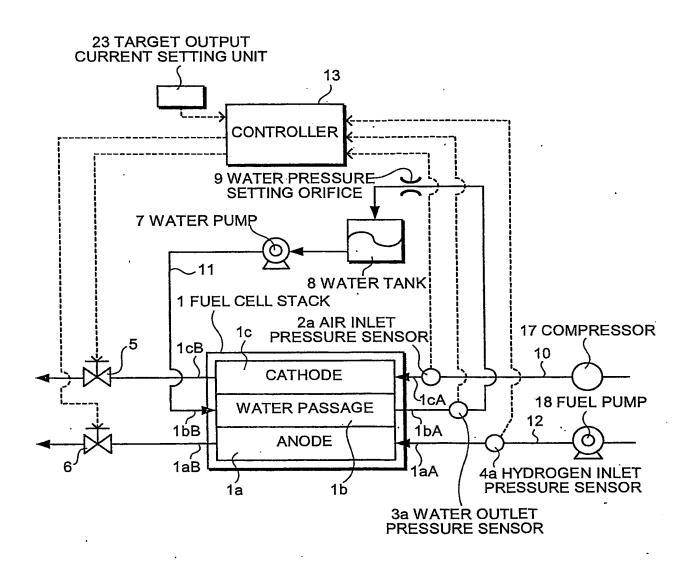


FIG.1

PCT/JP2004/012033

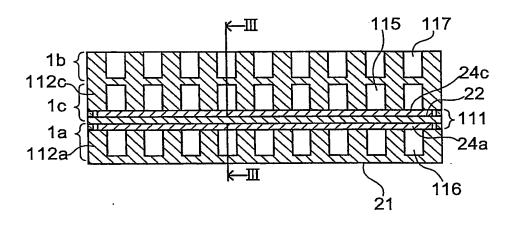


FIG.2

Title: FUEL CELL SYSTEM
Inventor(s): Hiroaki HASHIGAYA et al.
DOCKET NO.: 040356-0580

WO 2005/024987

PCT/JP2004/012033

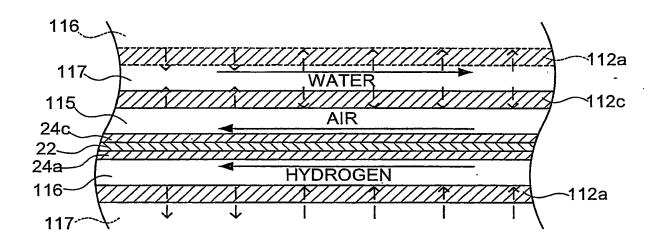
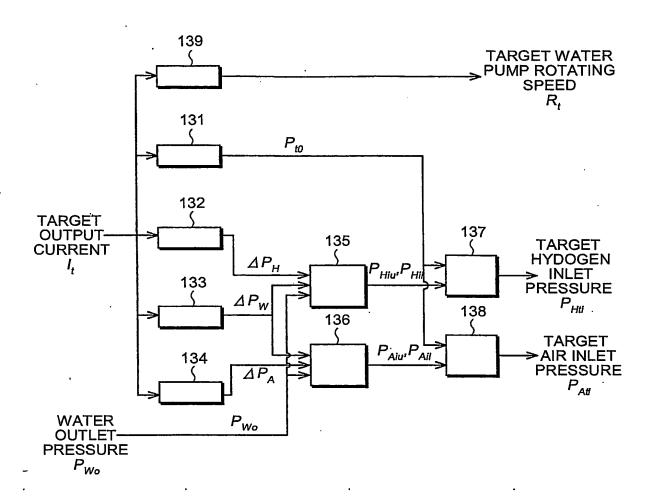


FIG.3

PCT/JP2004/012033



- 131 TARGET GAS PRESSURE SETTING UNIT
- 132 HYDROGEN PRESSURE REDUCTION AMOUNT COMPUTING UNIT
- 133 WATER PRESSURE REDUCTION AMOUNT COMPUTING UNIT
- 134 AIR PRESSURE REDUCTION AMOUNT COMPUTING UNIT
- 135 TARGET HYDROGEN PRESSURE LIMIT SETTING UNIT
- 136 TARGET AIR PRESSURE LIMIT SETTING UNIT
- 137 TARGET HYDROGEN PRESSURE SETTING UNIT
- 138 TARGET AIR PRESSURE SETTING UNIT
- 139 TARGET WATER PUMP ROTATING SPEED SETTING UNIT

PCT/JP2004/012033

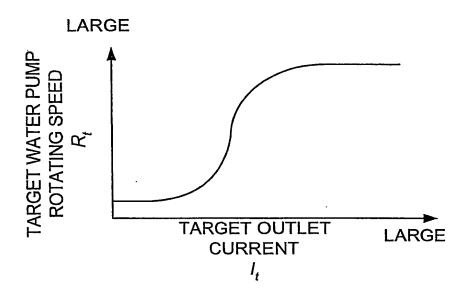


FIG.5

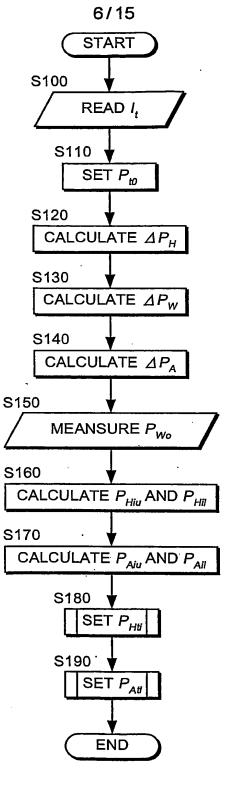


FIG.6

PCT/JP2004/012033

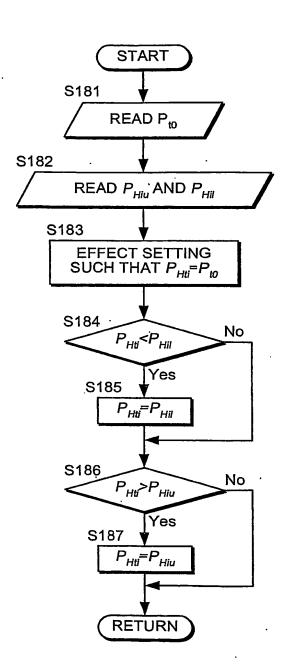


FIG.7

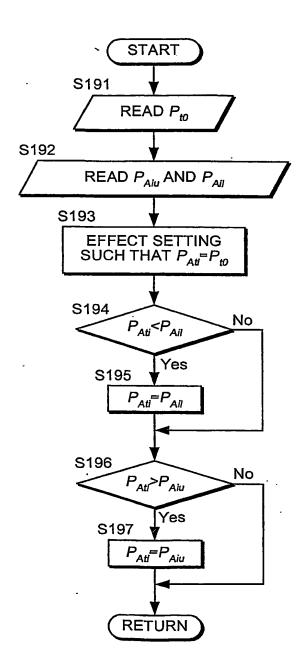


FIG.8

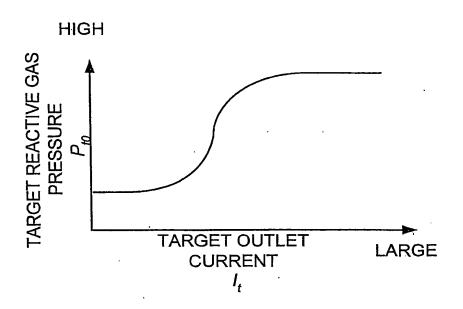


FIG.9

PCT/JP2004/012033

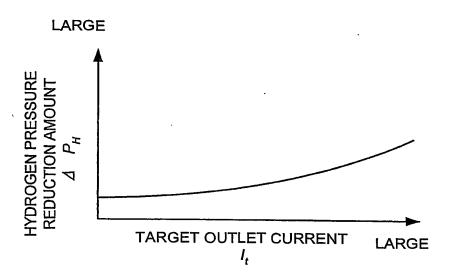


FIG.10

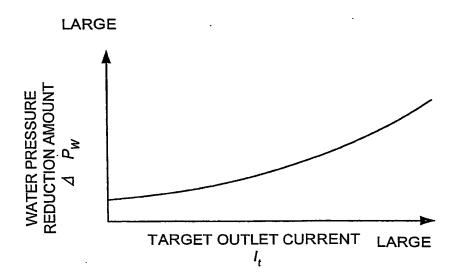


FIG.11

PCT/JP2004/012033

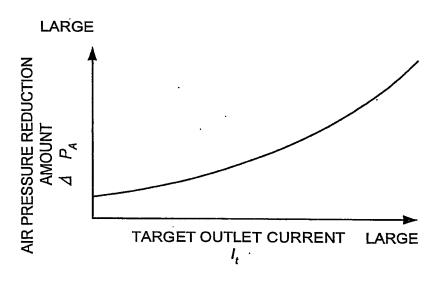
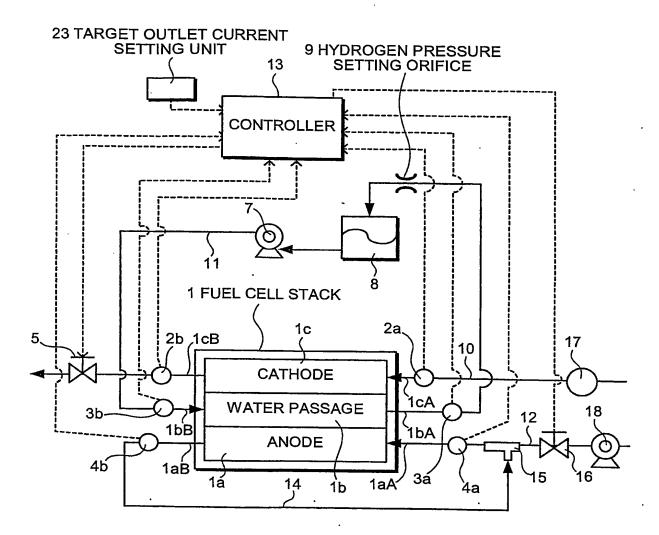


FIG.12

PCT/JP2004/012033

13/15



2a AIR INLET PRESSURE SENSOR

2b AIR OUTLET PRESSURE SENSOR

3a WATER OUTLET PRESSURE SENSOR

3b WATER INLET PRESSURE SENSOR

4a HYDROGEN INLET PRESSURE SENSOR

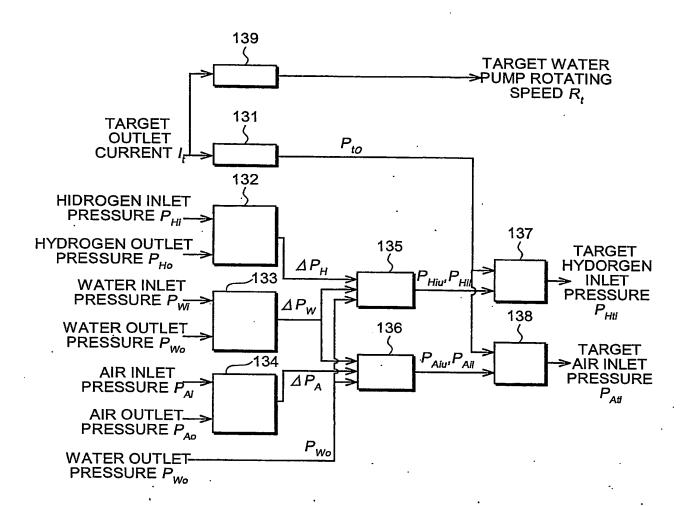
4b HYDROGEN OUTLET PRESSURE SENSOR

17 COMPRESSOR

18 FUEL PUMP

FIG.13

PCT/JP2004/012033



- 131 TARGET REACTIVE GAS PRESSURE SETTING UNIT
- 132 HYDROGEN PRESSURE REDUCTION AMOUNT CALCULATE UNIT
- 133 WATER PRESSURE REDUCTION AMOUNT CALCULATE UNIT
- 134 AIR PRESSURE REDUCTION AMOUNT CALCULATE UNIT
- 135 TARGET HYDROGEN PRESSURE LIMIT SETTING UNIT
- 136 TARGET AIR PRESSURE LIMIT SETTING UNIT
- 137 TARGET HYDROGEN PRESSURE SETTING UNIT
- 138 TARGET AIR PRESSURE SETTING UNIT
- 139 TARGET WATER PUMP ROTATING SPEED SETTING UNIT

FIG.14

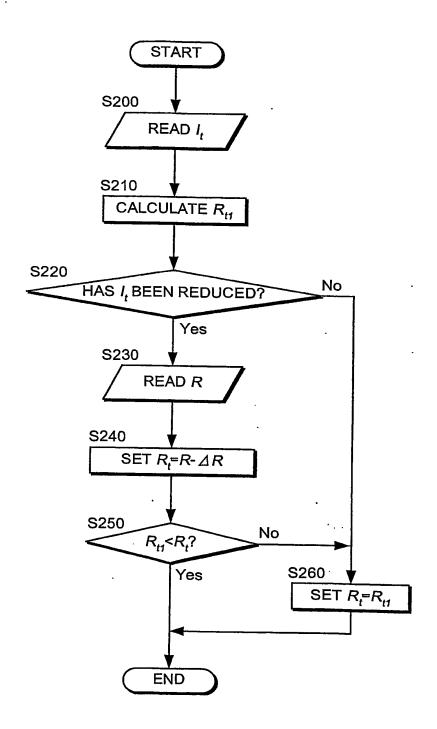


FIG.15